

FIG. 1A (PRIOR ART)

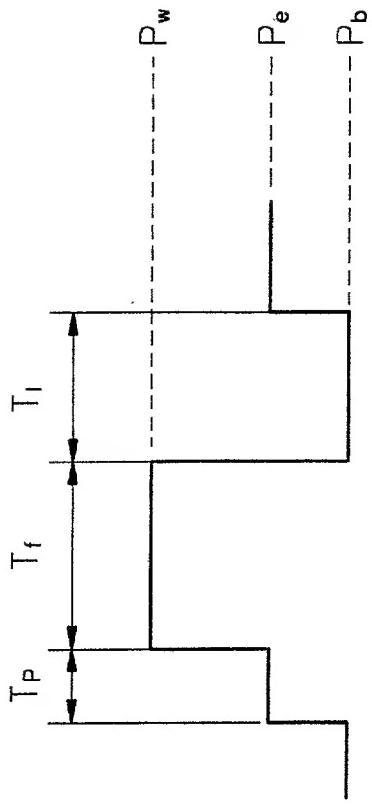


FIG. 1B (PRIOR ART)

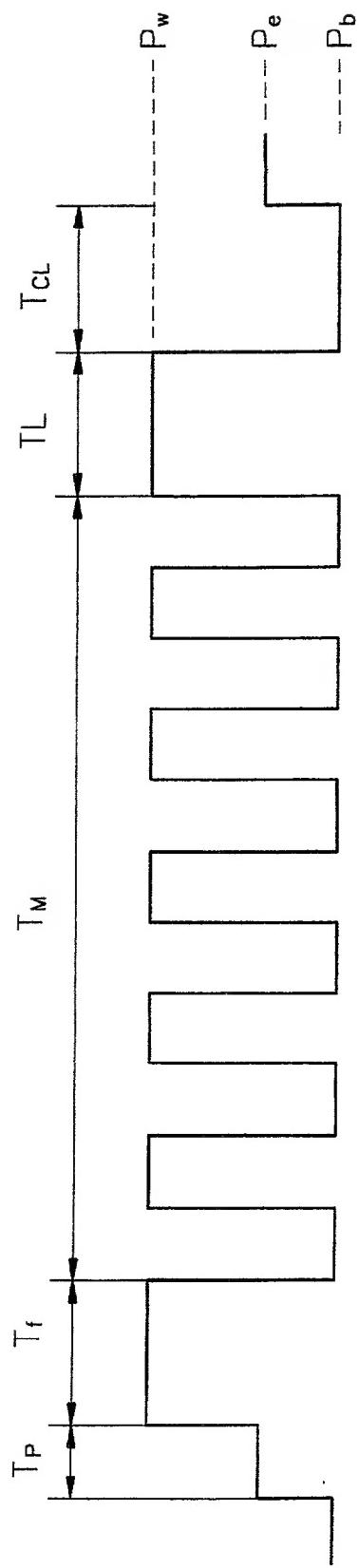


FIG. 2 (PRIOR ART)

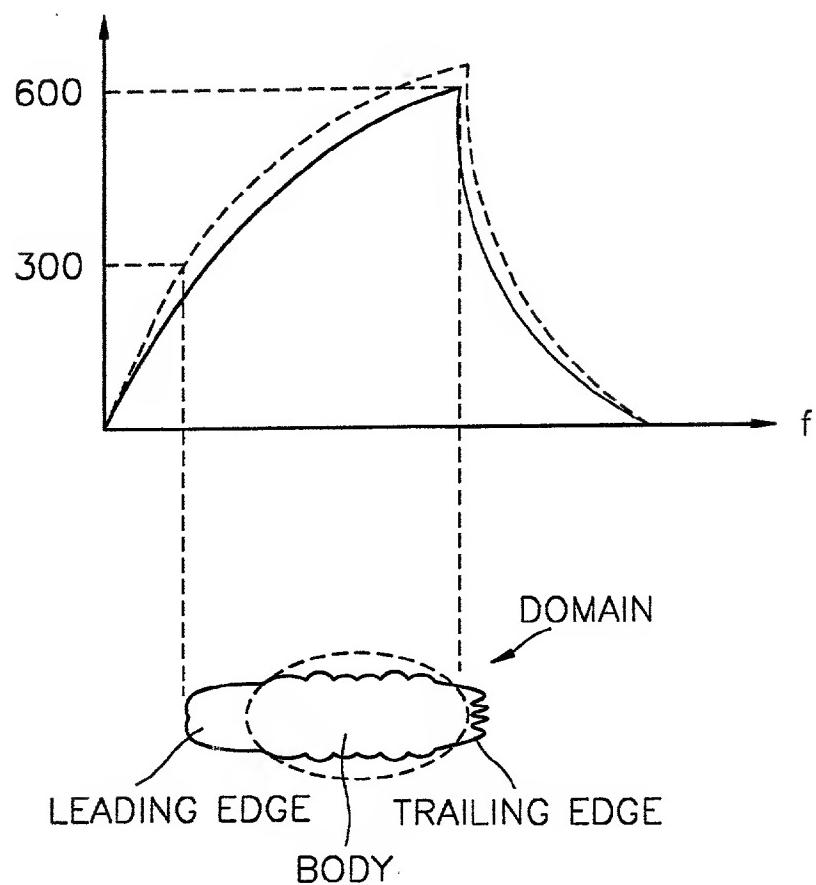


FIG. 3A

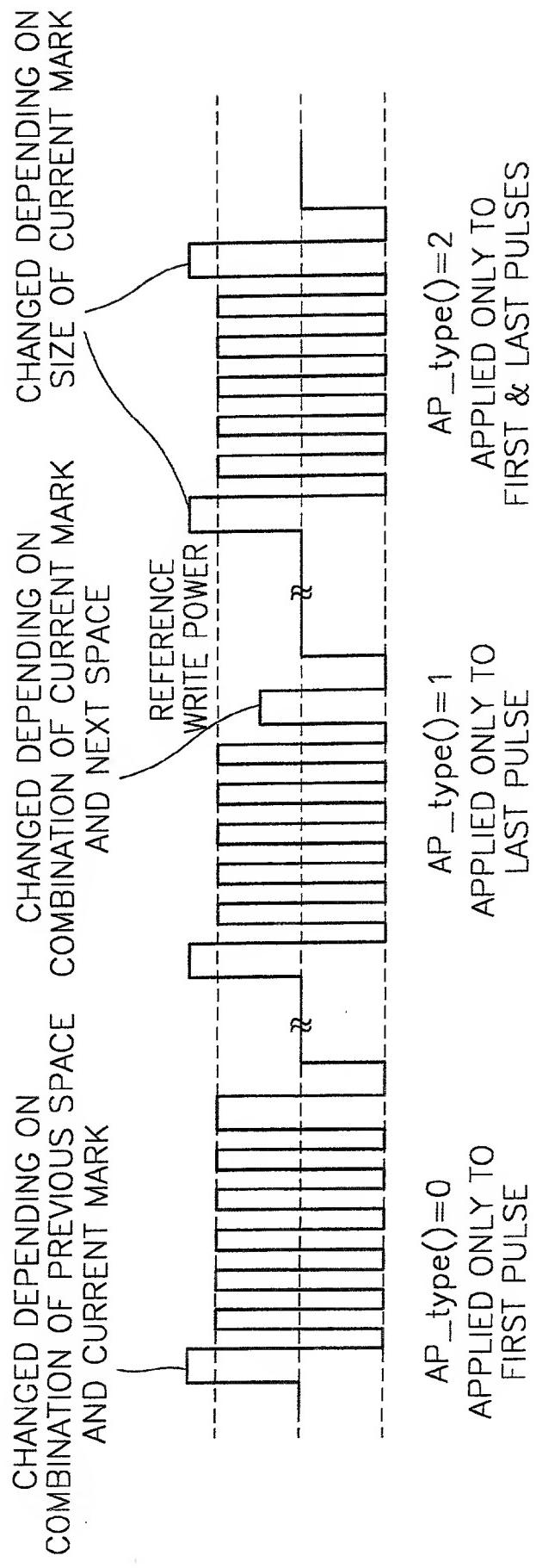
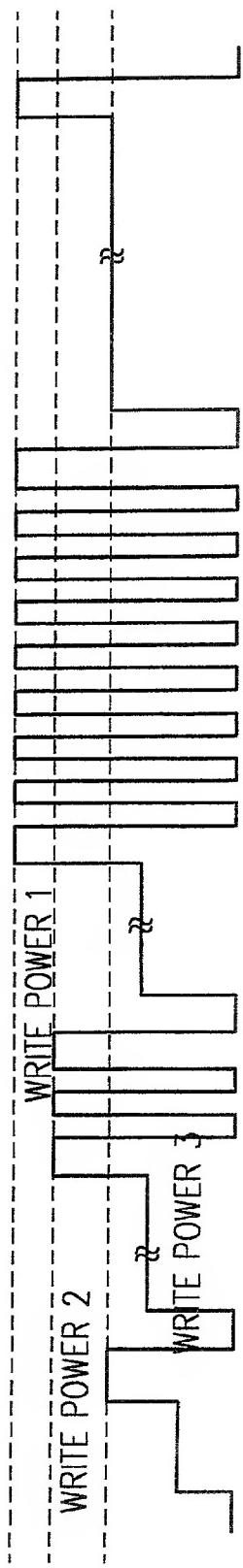


FIG. 3B



AP_type()=3
APPLY ADAPTIVE POWER LEVEL TO WRITE PULSE
DEPENDING ON SIZE OF CURRENT MARK

FIG. 4

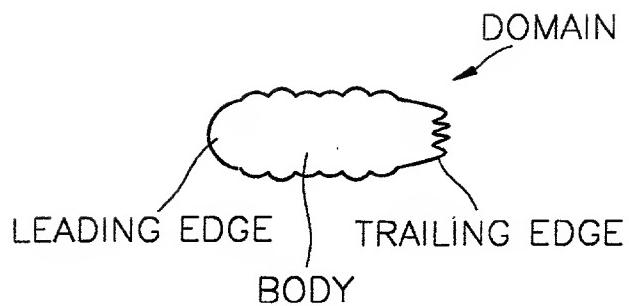


FIG. 5

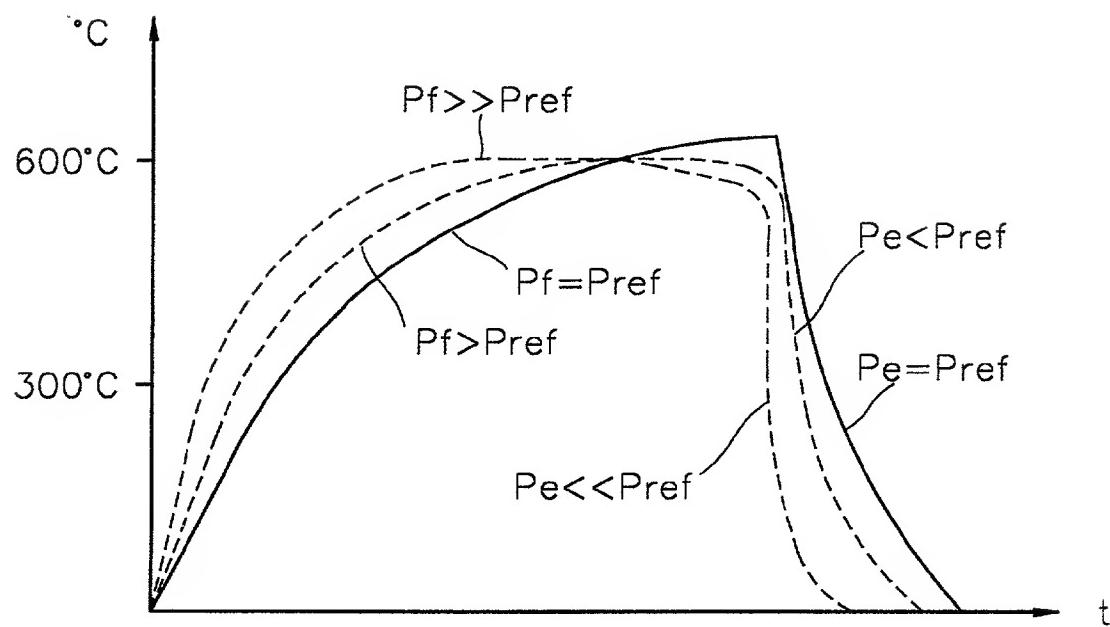


FIG. 6A

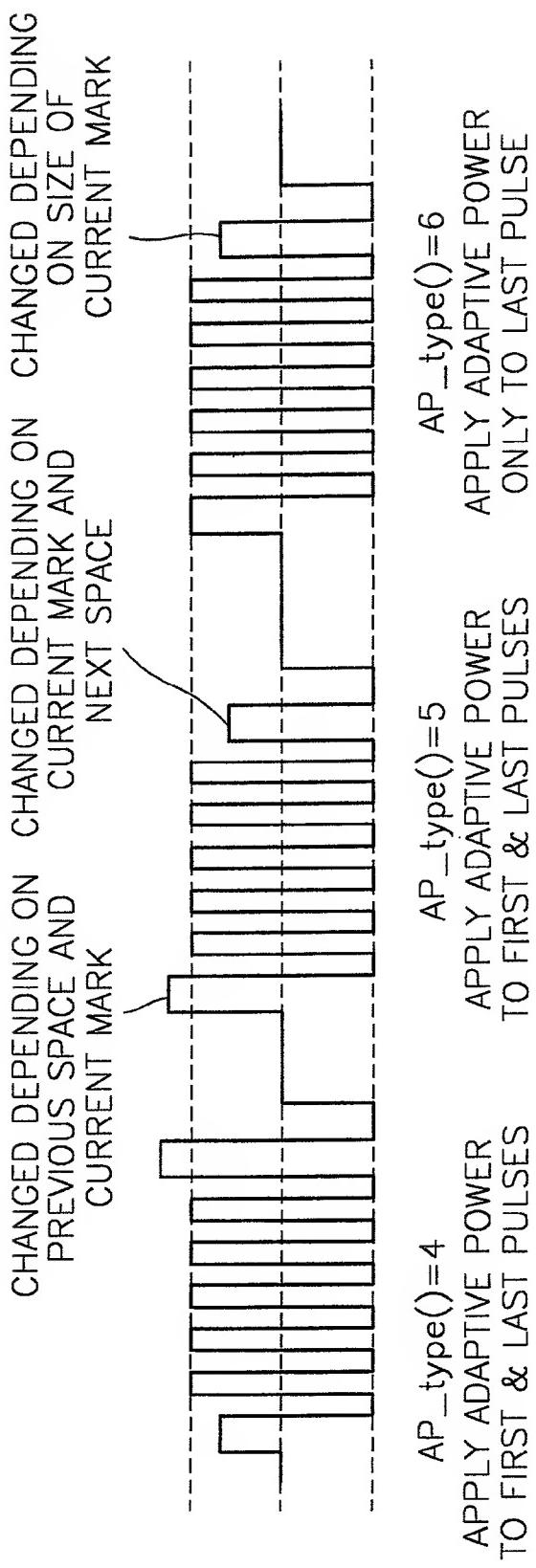
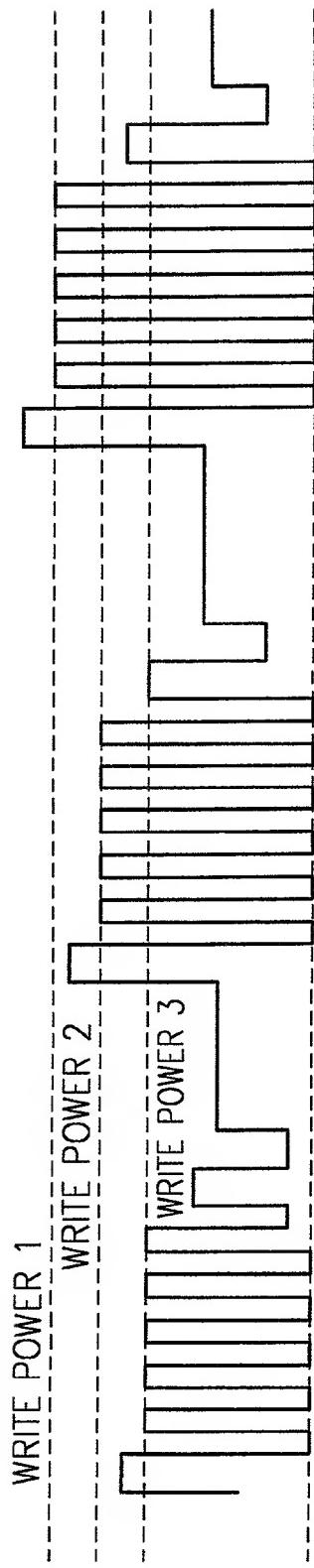


FIG. 6B



AP-type()=7
APPLY ADAPTIVE POWER TO FIRST & LAST PULSES
AND APPLY ADAPTIVE POWER LEVEL
DEPENDING ON SIZE OF CURRENT MARK

FIG. 7 (PRIOR ART)

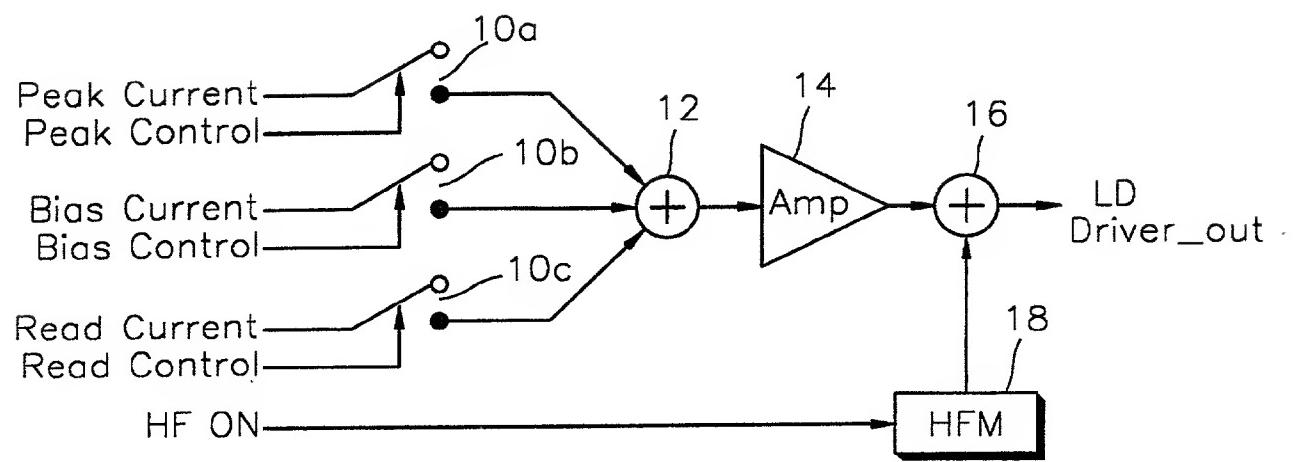


FIG. 8 (PRIOR ART)

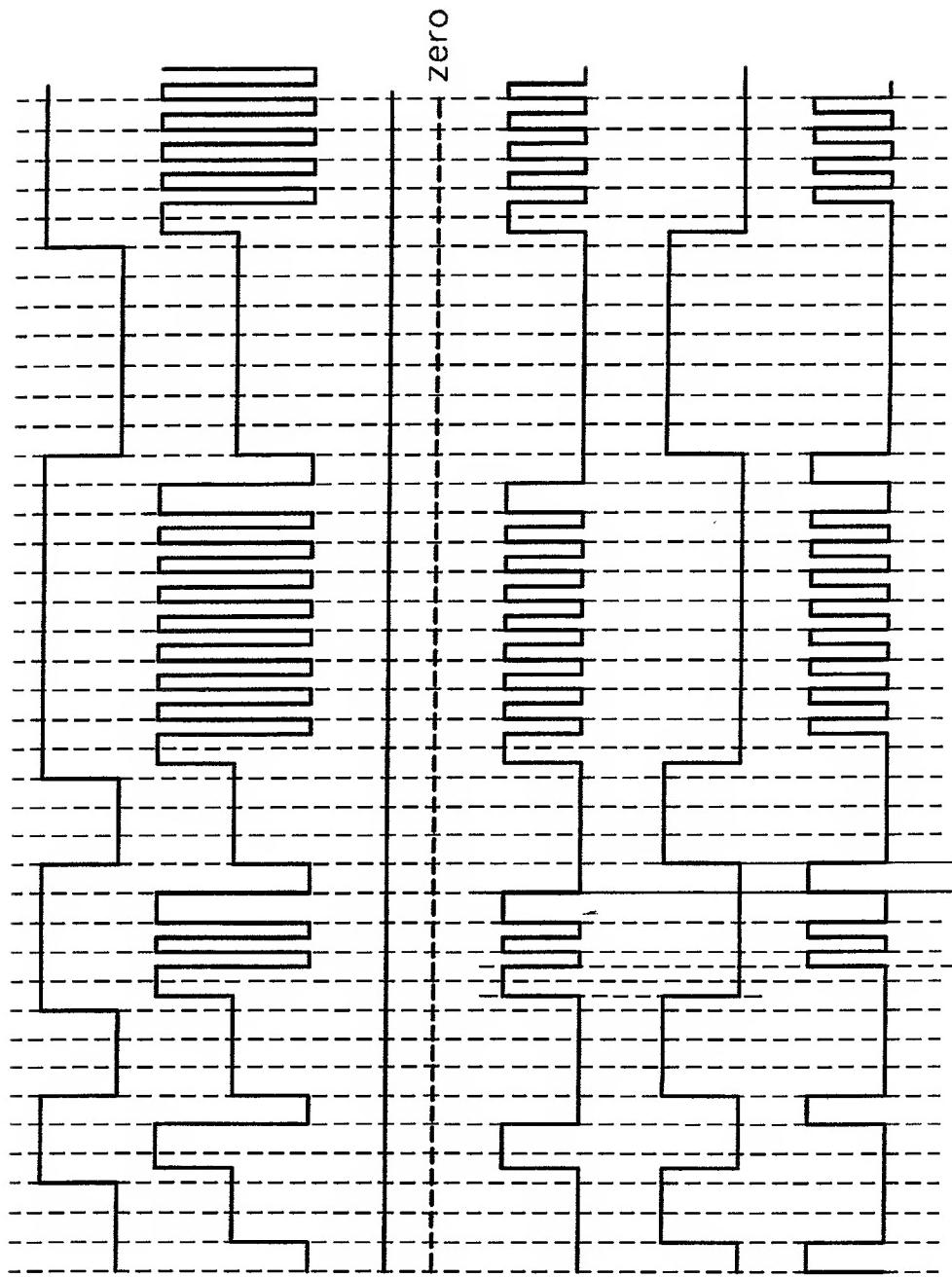


FIG. 8A INPUT NRZI DATA

FIG. 8B RECORDING PULSE
(LD OUTPUT SIGNAL)

FIG. 8C READ Control
(ACTIVE STATE)

FIG. 8D PEAK Control

FIG. 8E BIAS Control
(Erase Power)

FIG. 8F Bottom Control
(WHEN FOUR CHANNELS ARE USED)

FIG. 9 (PRIOR ART)

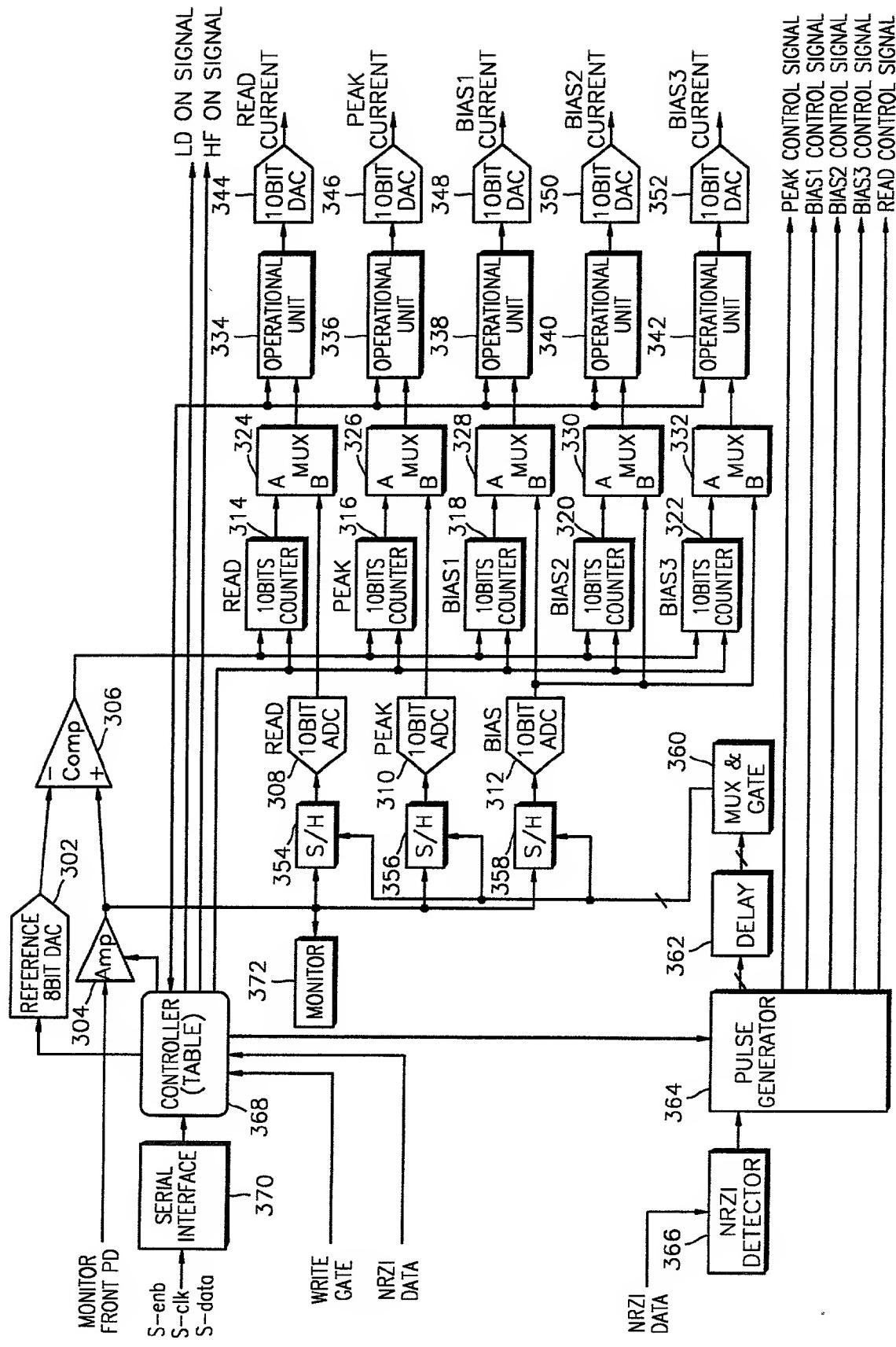


FIG. 10

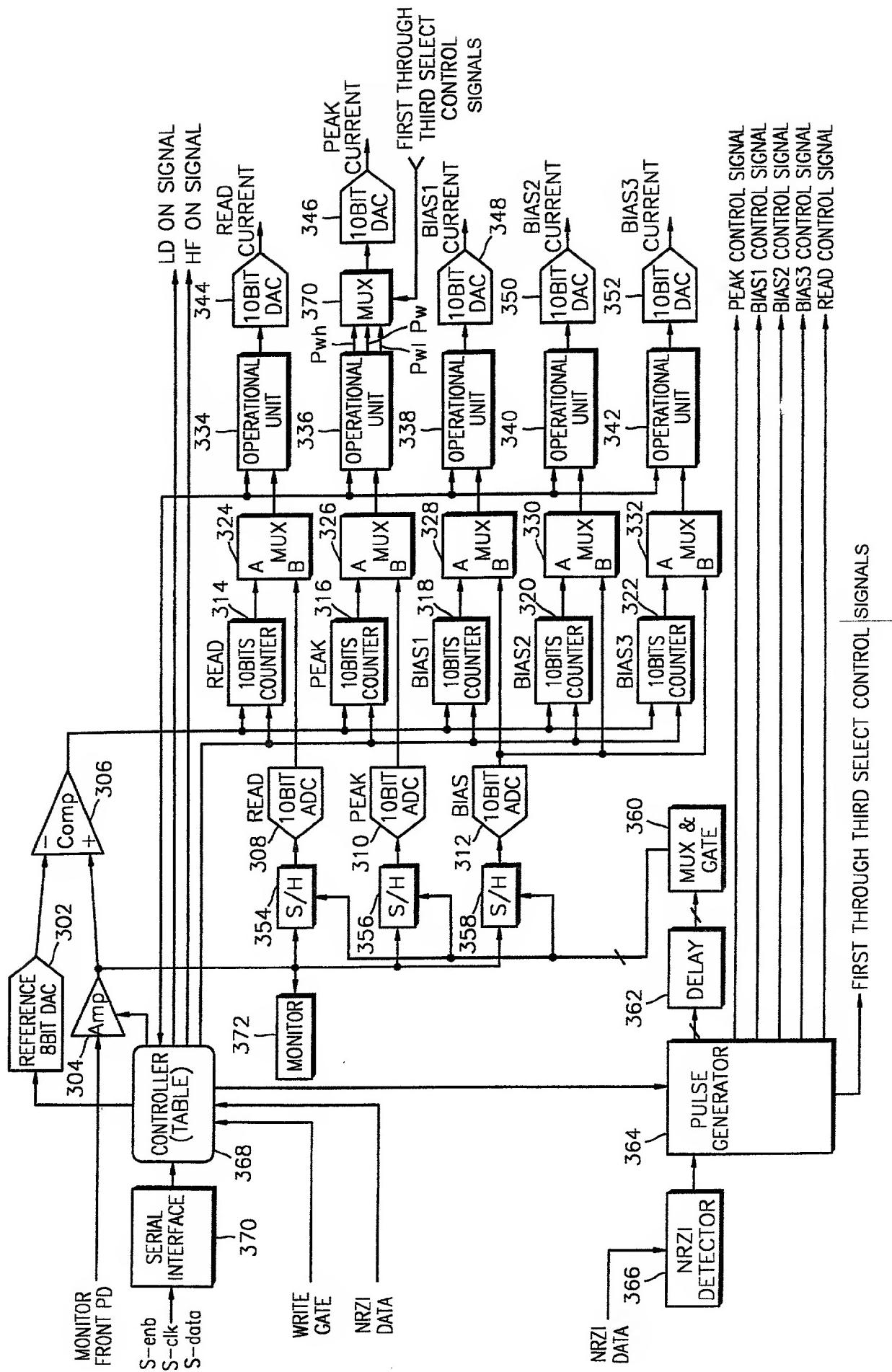


FIG. 11

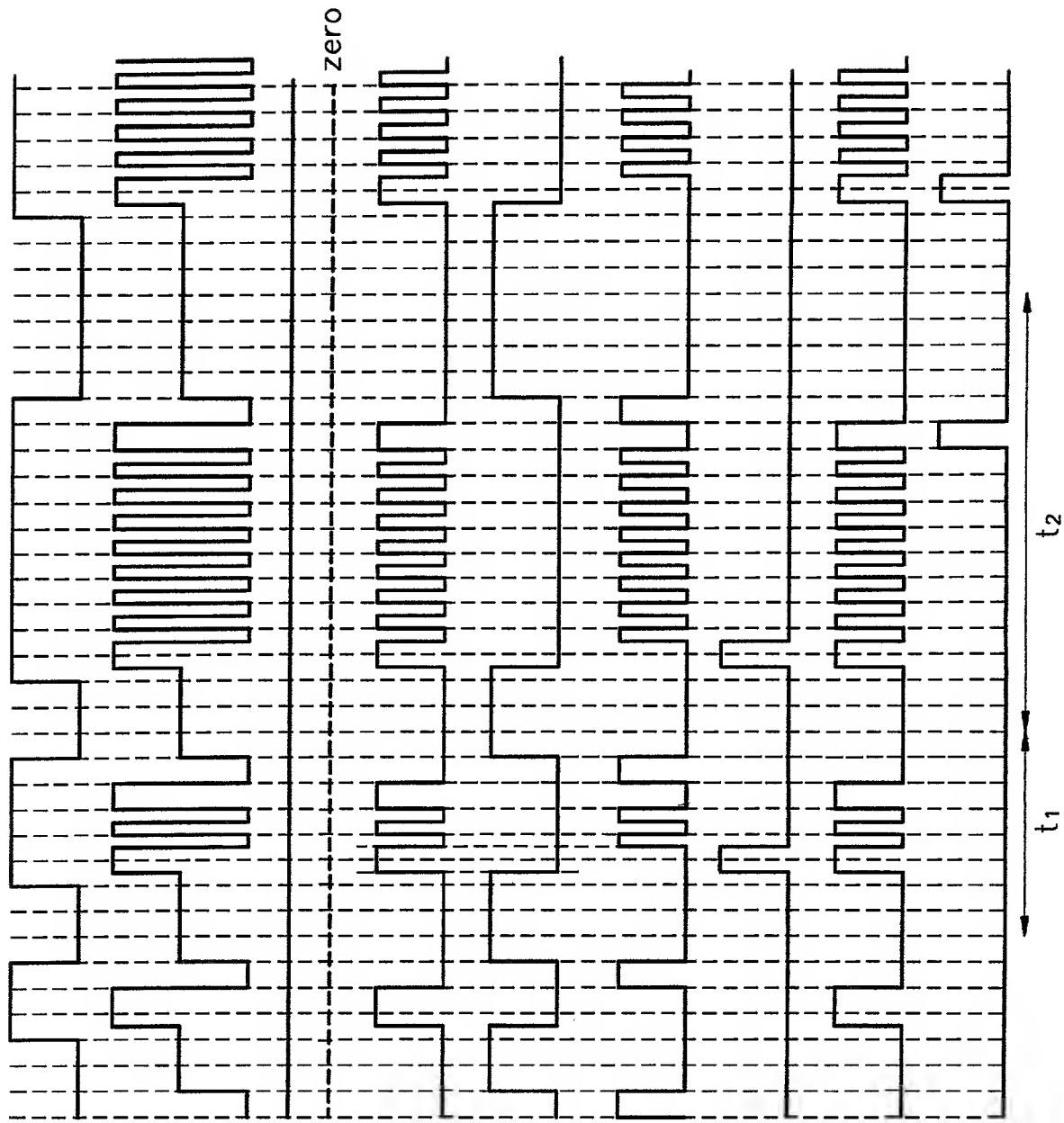


FIG. 11A INPUT NRZI DATA

FIG. 11B RECORDING PULSE
(LD OUTPUT SIGNAL)

FIG. 11C READ Control
(ACTIVE STATE)

FIG. 11D PEAK Control

FIG. 11E BIAS Control
(Erase Power)

FIG. 11F Bottom Control
(WHEN FOUR CHANNELS ARE USED)

FIG. 11G FIRST SELECT
CONTROL

FIG. 11H SECOND SELECT
CONTROL

FIG. 11I THIRD SELECT
CONTROL